

Model for the Kinetic Theory of Nitrogen
Catalytic N_2 Reduction in Porous Media, by
N. T. Denisov.
RUSSIAN, per, Dokl. Akad. Nauk SSSR, Phys. Chem., Vol. 195,
No. 4, Dec. 1970, pp. 879-881.
CB

Sept 71

Interaction of Diazocetone With DNA Bases, by
M. V. Iochina,
RUSSIAN, per, Dokl. Akad. Nauk SSSR, Phys. Chem., Vol. 195,
No. 4, Dec 1970, pp 882-884,
CB

Sept 71

Carbon-13 Chemical Shifts of the Methyl and Methylenes
Derivatives of Bicyclo-(2,2,1)-heptane and Bicyclo-
(2,2,1)-heptane, by T. I. Pakan.

RUSSIAN, per. Dok Ak Nauk SSSR, Phys Chem, Vol 195,
No 4, Dec 1970, pp 885-888.

CB

Sept 71

New Data on the Cambrian Stratigraphy of Western
Latvia, by A. P. Bilsch.
RUSSIAN, per; Dokl Ak Nauk SSSR, Earth Sci., Vol. 195,
No 4, 1970, pp 907-910.
AGI

Jan 72

Age of the Basement of the Stavropol' arch,
Central Ciscaucasia, as Shown by Geophysical
Surveys, by R. F. Volodarskiy,
RUSSIAN, per, Doklady Akad. Nauk SSSR, Earth Sci., Vol. 195,
No. 4, 1970, pp. 911-914.

AH

Jan 72

Old Metamorphosed weathered Crust of Igneous
Rocks of the Krivoy Rog Basin, by M. G. Gerasimov.
RUSSIAN; per, Dok Ak Nauk SSSR, Earth Sci., Vol 195,
No 4, 1970, pp 915-918.
AGI

Jan 72

Age of Rich Hematite Ores of Precambrian Iron
Formations and the Physicochemical Conditions of
Precambrian Weathering, by N. A. Korvillov.
RUSSIAN, per: Izv. Ak. Nauk SSSR, Earth Sci., Vol. 195,
No. 4, 1970, pp. 919-922.
AGI

Jan 72

Sediments of the Starvy Oskol Horizon in the
Dnieper-Donets Depression, by R. M. Plutsk.
RUSSIAN, izv. Akad. Nauk SSSR, Ser. Geol., Vol. 195,
No. 4, 1970, pp. 923-924.
AGI

Jan 72

The Theory of Gravity Tectonics at Depth, by
A. I. Rybin.
RUSSIAN, par, Dok Ak Nauk SSSR, Ser. Sci., Vol 195,
No 4, 1970, pp 925-926.
AGI

Jan 72

Inhibition of Lattice Ordering of Potassio
Feldspar by Barium Ions, by G. G. Afonina.
RUSSIAN, par, Dok Ak Nauk SSSR, Earth Sci., Vol 195,
No 4, 1970, pp 929-931.
AGI

Jan 72

Calcite, *Q*-Cristobalita and Quarzo in Zoned Chert
Concretions, by G. M. Kevminko.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sci., Vol 195,
No 4, 1970, pp 932-934.

AGI

Jan 72

Antigenic Polygonalite from the Basins of
of Southern Tergana, by G. A. Kirichenko.
RUSSIAN, per, Dokl. Akad. Nauk SSSR, Ser. Biol., Vol. 195,
No. 4, 1970, pp. 935-937.
AGI

Jan 72

The Ammonium Ion as an Indicator of pH and Gas,
by Academician G. V. Boromila,
RUSSIAN, per, Dokl. Ak. Nauk SSSR, Eng. Sect., Vol. 195,
No. 4, 1970, pp. 998-999
ACI

Jan 72

Experimental Study of the Formation of Simultaneous
Iron Disulfide at Normal Temperature and Pressure
by V. P. Kirilov
RUSSIAN, per, Vestnik Akad. Nauk SSSR, Ser. Sci., Vol. 195,
No. 4, 1970, pp 911-913
ACI

Jan 72

Distribution of Bromine Between Sylvine and Halite
in Cambrian Saline of the Kan-Usteyeva Basin by
A. S. Kolosov.
RUSSIAN, per, Dokl. Ak. Nauk SSSR, Earth Sci., Vol 195,
No 4, 1970, pp 911-917.
AGI

Jan 72

New Maps of Indian Ocean Currents, by V. G. Neyman.
RUSSIAN, per, Dok Ak Nauk SSSR, Fiz. Sci., Vol. 195,
No. 4, 1970, pp 948-951.
AGI

Jan 72

Some Spectrophotometric Measurements of the Earth
from the Soyuz-7 Spacelcraft, by

K. Ya. Kondrat'yev, 577

RUSSIAN, par. Dokl. Akad. Nauk SSSR, Earth Sci., Vol. 195,

No. 5, 1970, pp. 1081-1087.

AGI

JPRS 54647

FTD-705-24-71-1972

NASA TTF 13, 792

Jan 72

Probability of the appearance of a solar flare
with a continuous microthermal spectrum, by N. A.
Verdyntsev.

RUSSIAN, per. Dokl. Akad. Nauk SSSR, Fiz. Chem., Vol. 195,

No. 5, Dec. 1970, pp. 1155-1158.

CB

Sept 71

New Data on the Age of Upper Pleistocene Sediments
in the Kalin-Yaroslavl' District, Volga Region,
by Kh. A. Arslanov.
RUSSIAN, per, Dok Ak Nauk SSSR, Ear. Sci., Vol. 195,
No. 5, 1970, pp 1159-1162.
AGI

Jan 72

Pollen and Spores From Bottom Sediments of The
Aral Sea, by V. A. Vronskiy.
RUSSIAN, per, Tr. Akad. Nauk SSSR, Ser. Sci., Vol 195,
No 5, 1970, pp 1163-1166.
AGI

Jan 72

Structure of the Continental Cover Over Marine
Terraces of the Northwestern Caucasus, by
V. M. Muratov.
RUSSIAN, per, Dokl. Akad. Nauk SSSR, Earth Sci., Vol 195,
No 5, 1970, pp 1167-1169.
AGE

Jan 72

New Data On The Relationship Between Upper Pro-
terozoic Formations of the Mama Mica Field and
the Lena Gold Field, by O. V. Porevalov.
RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sci., Vol 195,
No 5, 1970, pp 1170-1173.
AGI

Jan 72

The Qiaslendofhyra Zone, by Ye. A. Raytlingan.
RUSSIAN, per, Dok. Ak. Nauk SSSR, Far. Sol., Vol 195,
No 5, 1970, pp 1174-1177.
AGI

Jan 72

Volcanic Structure of the Vicinity of a Chukotka
Mercury Deposit, by V. G. Tikhomirov.
RUSSIAN, par, Dok Ak Nauk SSSR, Ser Sci., Vol 195,
No 5, 1970, pp 1178-1180.
AGI

Jan 72

Thermal Anomalies of the Baltic Shield, by
G. A. Cherenomsky.
RUSSIAN, per, Dokl. Ak. Nauk SSSR, Earth Sci., Vol 195,
No 5, 1970, pp 1181-1182,
AGI

Jan 72

Riphean Stratigraphy of the Saratov District,
Volga Region, by S. V. Yatskovich.
RUSSIAN, per, Dokl. Ak. Nauk SSSR, Earth Sci., Vol. 195,
No. 5, 1970, pp. 1183-1186.
AGI

Jan 72

Composition of Gases and Salts and the Age of
Ground Water of the Caspian Depression, by
L. M. Zorich.
RUSSIAN, per, Dokl. Ak. Nauk SSSR, Earth Sci., Vol 195,
No 5, 1970, pp 1187-1189.
AGI

Jan 72

Tadzhikite, A New Rare-Earth Beryllate of the
Hellandite Group, by A. E. Yakimov.
RUSSIAN, per, Dokl. Ak. Nauk SSSR, Ser. Sci., Vol 195,
No 5, 1970, pp 1190-1193.
AGI

Jan 72

Synthesis of Fluor-Asbestos From Natural Talc,
by O. G. Chigareva.
RUSSIAN, per, Izv. Ak. Nauk SSSR, Ser. Sci., Vol 195,
No 5, 1970, pp 1194-1196.
AGI

Jan 72

Dependence of the Migration of Benthonids on the
Attitude of Strata in Western Siberia, by
V. S. Vyshemirskiy
RUSSIAN, per, Dokl. Akad. Nauk SSSR, Earth Sci., Vol. 195,
No. 5, 1970, pp. 1197-1199.
AHI

Jan 72

Measurement of Acceleration of Gravity by Means
of Gravimeters Located on Moving Bases, by
V. A. Kuzivanov,
RUSSIAN, per, Izv Ak-Nauk SSSR, Ser Sci, Vol 195,
No 6, 1970, pp 1329-1331.
AGI

SPRS 52414

Jan 72

Study of the Proton Magnetic Resonance Spectra of
 $\text{HBI}(\text{OOH})_2$ in Electron-Donating Solvents, by
L. A. Fedorov.
RUSSIAN, Dokl. Akad. Nauk SSSR, Phys. Chem., Vol. 195,
No. 6, Dec. 1970, pp. 1377-1380.
CB

Sept 71

Mutual Finite Solubility of Gases in the Three-
Component System Helium-Ethylene-Carbon Dioxide, by
D. S. Tsiklis,
RUSSIAN, per, Dokl. Ak. Nauk SSSR, Phys. Chem., Vol. 195,
No. 6, Dec 1970, pp 1381-1384.
CB

Sept 71